10/5797752617

# IAP12 Rec'd PCT/FT@ 1 8 MAY 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : To Be Assigned Confirmation No. : TBA PCT/GB2004/004854 First Named Inventor : Anthony Peter HULBERT Filed : May 18, 2006 : To Be Assigned TC/A.U. Examiner : To Be Assigned : 038819.57537US Docket No. Customer No. : 23911 Title : A Method of Communication in a Time Division Duplex (TDD) Satellite Communication System

## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R § § 1.97 AND 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, the attached Form PTO-1449 lists documents which the Examiner may deem relevant to patentability of the claims of the above-identified application.

#### Τ. Time Period of Submission

This Information Disclosure Statement is submitted:

| in o later than three months from the application's filing date   |
|---|
| or 2) before the mailing date of the first Office Action on the merits (whichever is  |
| later) or 3) before a first Office Action after the filing of a Request for Continued   |
| Examination, and therefore no statement under 37 C.F.R. § 1.97(e) or fee under  |
| 37 C.F.R.§ 1.17(p) is required.   |
| 2) after the later of three months from the application's filing date and the mailing date of the first Office Action on the merits, but before a |
| Final Office Action a Nation of Allowance or an action closing procedution (Final   |

parte Quayle), (whichever is earlier), and therefore Applicant is filing concurrently herewith: a Statement under 37 C.F.R. § 1.97(e); or

a fee in the amount of \$180.00 under 37 C.F.R. § 1.17(p).

after either a Final Office Action or a Notice of Allowance, but before payment of the Issue Fee, and therefore Applicant is submitting herewith:

Page 1 of 3

#### Attorney Docket No. 038819.57537US PATENT

a Statement under 37 C.F.R. § 1.97(e); and

a fee in the amount of \$180.00 under 37 C.F.R. § 1.17(p).

| II. Statement Under 37 C.F.R. § 1.97(e)   |
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| ☐ I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or  |
| ☐ I hereby state that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making a reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement; or |
| III. Statement under 37 C.F.R. § 1.704(d)   |
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| IV. Submission of Non-English Language Documents  |
| ☐ The following is a concise explanation of relevance of the non-<br>English language documents listed in the attached Form PTO-1449:   |
| The relevance of document(s) to the subject matter of the present invention is/are provided in the specification of the above-identified application.   |
| Corresponding foreign or international report(s) citing document(s), together with an English-language version(s) (if not already in English) of that portion of the report(s) indicating the degree of relevance found by the foreign office(s) is/are submitted.  |
| English language family member publication(s) of document(s) is/are noted on Form PTO-1449.   |
| English language abstract(s) is/are submitted for document(s)   |
|   |

Page 2 of 3

Receipt date: 05/18/2006 105/79779-75A5: 2617

ttorney Docket No. 038819.57537US

|  |   | 1   | Attorney                             | Docket No. 0                                     | 38819.57537US                         |        |
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| is/are sul   | English tra<br>bmitted herev                      |   | IAP12<br>of the fo                   | Rec'd PCT/I<br>reign langua                      | PATENT<br>TO 18 MAY<br>ge document(s) | 2006   |
|  | Applicant   | submits   | the                                  | following  | explanations                          | : *    |
| V. <u>Continuatio</u>  | ons/Divisional                                    | <u>s</u>  |                                      |  |                                       |        |
|  | ł<br>F.R. §1.98(d),<br>reviously subr             | , from which<br>copies of the<br>mitted to or c | ch this a<br>ne docum<br>pited by t  | pplication cla<br>nents are not<br>the United St |                                       | ;<br>[ |
| The submis<br>that any such doc<br>application. Appli<br>appropriate to ant<br>reference against | cument consti<br>icant does not<br>cedate or othe | tutes prior a<br>waive any r<br>rwise remove    | art agair<br>right to t<br>e any lis | nst the claims<br>ake any actio<br>ted document  | n that would be                       | :      |
| If necessary<br>Deposit Account 0<br>forth in 37 C.F.R.  | 5-1323, Attor                                     |   |                                      |  | zation to charge<br>, for the fee set |        |
| May 18, 2006   |   | Gary  | lary<br>R. Edy                       | ards   | ude                                   |        |
| CROWELL & MOI<br>Intellectual Proper   |   | Regis   | stration .                           | No. 31,824                                       |                                       |        |

Page 3 of 3

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449A/PTO Application Number To Be Assigned INFORMATION DISCLOSURE Filing Date May 18, 2006 STATEMENT BY APPLICANT Anthony Peter HULBERT First Named Inventor To Be Assigned Art Unit To Be Assigned Examiner Name (use as many sheets as necessary) Attorney Docket Number 038819.57537US 2 Sheet 1 l of l

|                       |              |   |     | U.S. PATENT I                  | DOCUMENTS  |   |
|-----------------------|--------------|---|-----|--------------------------------|--|---|
| Examiner<br>Initials' | Cite<br>No.1 | Document Number  Number-Kind Code <sup>2</sup> (if known) |     | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       | AA           | US- 6,298,048   | B1  | 10/02/2001                     | Lamkin et. al.                                     |   |
|                       | AB           | US- 6,249,677   | B1  | 06/19/2001                     | Noerpel et. al.                                    |   |
|                       | AC           | US- 5,959,984   | A   | 09/28/1999                     | Dent   |   |
|                       | AD           | US- 5,668,556   | A   | 09/16/1997                     | Rouffet et. al.                                    |   |
|                       | AE           | US- 5,463,400   | A   | 10/31/1995                     | Tayloe   |   |
|                       |              | US-   |     |                                |  |   |
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|-----------------------|--------------|---|--------------------------------|--|---|----------------|
| Examiner<br>Initials' | Cite<br>No.1 | Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>6</sup> (# known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |
|                       | AF           | WO 00/27053 A1  | 05/11/2000                     | Ericsson, Inc.                                     |   |                |
|                       | AG           | GB 2 339 366 A  | 01/19/2000                     | Roke Manor Research<br>Limited                     |   |                |
|                       | AH           | GB 2 290 009 A  | 12/06/1995                     | NEC Corporation                                    |   |                |
|                       | Al           | EP 0 237 972 A2   | 09/23/1987                     | NEC Corporation                                    |   |                |
|                       |              |   | L                              |  |   |                |

| Examiner<br>Signature | /Amanuel Lebassi/ | Date Considered 11/05/2010 |
|-----------------------|-------------------|----------------------------|

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This collection of information is required by 3T CFR 1.07 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is generated by 38 U.S. C12 and 3T CFR 1.14. This collection is essimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this budgen, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commence, P.O. Box 1450, Alexandria, V.A. 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, V.A. 22313-1450.

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| Substitute                        | e for form 1449B/PTO |    |   | Application Number To Be Assigned |                       |  |
| INFORMATION DISCLOSURE            |                      |    |   | Fiting Date                       | May 18, 2006          |  |
| STATEMENT BY APPLICANT            |                      |    |   | First Named Inventor              | Anthony Peter HULBERT |  |
| (use as many sheets as necessary) |                      |    |   | Art Unit                          | To Be Assigned        |  |
|                                   |                      |    |   | Examiner Name                     | To Be Assigned        |  |
| Sheet                             | 2                    | of | 2 | Attorney Docket Number            | 038819.57537US        |  |
|                                   |                      |    |   |                                   |                       |  |

|                       |              | NON PATENT LITERATURE DOCUMENTS   |                |
|-----------------------|--------------|---|----------------|
| Examiner<br>Initials* | Cite<br>No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|                       | AJ           | International Search Report dated March 1, 2005 (Two (2) pages)   |                |
|                       | AK           | Great Britain Search Report dated August 13, 2004 (One (1) page)  |                |
|                       |              |   |                |
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Inso conceion or innomation is required by 3 or L+1 1.34 and 1.98. The information is required to obtain or tratian a benefit by the public which is to file (and by the USPT) to process) and application. Confidentiality is governed by 5 u.S. or 12 and 57 CFR 1.14. This collection is estimated to take 2 hours to explice, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form andre surgesiens for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent andreams of Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 2231-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 2231-1450.

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